

## EAST Search History

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 16     | ("4317956"   "4633436"   "4764885"   "5299307"   "5325110"   "5406307"   "5469191").PN. OR ("6239792").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2007/12/14 17:21 |
| L2    | 1      | 1 and (3d 3-d (three near4 dimension\$4) ("3" near2 dimension\$4))   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/12/14 17:22 |
| S1    | 103950 | (box\$2 bound\$2 zone region\$2) near4 (path curve spline)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/11 16:37 |
| S2    | 54807  | (delet\$4 remov\$3 ) near4 ( path\$2 curve\$2 spline\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/11 16:47 |
| S3    | 425    | 345/442.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/11 16:39 |
| S4    | 1478   | 345/619.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/11 16:39 |
| S5    | 1883   | S3 S4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/11 16:39 |
| S6    | 134    | S5 and S1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/11 16:39 |
| S7    | 27     | S2 and S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/11 16:45 |

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|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S8  | 112838 | (range distance threshold) near4 (path curve spline) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 16:45 |
| S9  | 4176   | S2 and S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 16:45 |
| S10 | 39     | S5 and S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 16:45 |
| S11 | 244    | S2 near4 S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 16:45 |
| S12 | 1      | S5 and S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 16:46 |
| S13 | 1626   | edit\$4 near4 ( path\$2 curve\$2 spline\$2)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 16:47 |
| S14 | 55     | S8 same S13  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 16:47 |
| S15 | 65     | S1 same S13  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 16:47 |

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|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S16 | 86072  | "345"/\$5.ccls.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 16:47 |
| S17 | 32076  | "715"/\$6.ccls.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 16:48 |
| S18 | 27     | S14 and (S16 S17)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:23 |
| S19 | 21     | S15 and (S16 S17)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 16:48 |
| S20 | 313    | (pixel\$2 path) near4 (influence near5 region) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:17 |
| S21 | 205453 | S1 S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:17 |
| S22 | 92     | S20 and S21                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:21 |
| S23 | 175364 | (motion movement) near4 path                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:22 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S24 | 3772  | (motion movement) near4 ( path<br>near4 (tool segment\$2)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:22 |
| S25 | 1567  | (back backward\$2 direction) same S24                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:23 |
| S26 | 13    | S25 and (S16 S17)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:33 |
| S27 | 41362 | travers\$4 near4 path                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:32 |
| S28 | 119   | S25 and S27  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:32 |
| S29 | 2     | S28 and (S16 S17)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:33 |
| S30 | 696   | S27 and (S16 S17)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:10 |
| S31 | 8     | S24 and S30  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11 17:34 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S32 | 86072 | "345"/\$5.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:10 |
| S33 | 32076 | "715"/\$6.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:10 |
| S34 | 3772  | (motion movement) near4 ( path<br>near4 (tool segment\$2)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:10 |
| S35 | 1567  | (back backward\$2 direction) same S34                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:50 |
| S36 | 41363 | travers\$4 near4 path                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:10 |
| S37 | 119   | S35 and S36  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:10 |
| S38 | 2     | S37 and (S32 S33)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:35 |
| S39 | 293   | rever\$6 near4 path near4 motion                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:48 |

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|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S40 | 425   | 345/442.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:35 |
| S41 | 1478  | 345/619.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:35 |
| S42 | 8     | (S40 S41 S32 S33) and S39   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:53 |
| S43 | 320   | opposite near4 path near4 motion  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:48 |
| S44 | 3     | (S40 S41 S32 S33) and S43   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:48 |
| S45 | 2055  | (back backward\$2 direction<br>opposit\$4 rever\$5) near6 (motion<br>movement)near4 (curve spline)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:52 |
| S46 | 27068 | (back backward\$2 direction<br>opposit\$4 rever\$5) near6 (motion<br>movement)near4 (curve spline line) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:56 |
| S47 | 501   | (S40 S41 S32 S33) and S46   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:57 |

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|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S48 | 173 | (back backward\$2 oppposit\$4<br>rever\$5) near6 (motion<br>movement)near4 (pen) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:56 |
| S49 | 10  | (S40 S41 S32 S33) and S48  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12 10:57 |
| S50 | 2   | "6239792".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14 15:07 |